

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050724AL\
 Data File : FE048009.D
 Signal(s) : FID1B.ch
 Acq On : 07 May 2024 12:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 07 12:50:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.974	2969644	20.585 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
12) S 1-chlorooctadecane (S...	13.409	2298653	20.571 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.352	2613869	20.281 ug/ml
2) T n-Decane (C10)	4.604	2695862	20.477 ug/ml
3) T A~Naphthalene (C11.7)	6.314	2853499	20.665 ug/ml
4) T n-Dodecane (C12)	6.771	2720468	20.407 ug/ml
5) T A~2-methylnaphthalene...	7.411	2748630	20.655 ug/ml
6) T n-Tetradecane (C14)	8.600	2703921	20.404 ug/ml
7) T n-Hexadecane (C16)	10.208	2811433	20.442 ug/ml
8) T n-Octadecane (C18)	11.652	2857920	20.517 ug/ml
10) T n-Eicosane (C20)	12.962	2760441	20.502 ug/ml
11) T n-Heneicosane (C21)	13.575	2715456	20.513 ug/ml
13) T n-Docosane (C22)	14.161	2703794	20.403 ug/ml
14) T n-Tetracosane (C24)	15.264	2694976	20.240 ug/ml
15) T n-Hexacosane (C26)	16.284	2678446	20.072 ug/ml
16) T n-Octacosane (C28)	17.235	2679345	20.123 ug/ml
17) T n-Tricontane (C30)	18.121	2799625	20.285 ug/ml
18) T n-Dotriacontane (C32)	18.954	2844564	20.594 ug/ml
19) T n-Tetratriacontane (C34)	19.738	2866574	21.043 ug/ml
20) T n-Hexatriacontane (C36)	20.477	2923912	21.595 ug/ml
21) T n-Octatriacontane (C38)	21.223	2816876	20.402 ug/ml
22) T n-Tetracontane (C40)	22.153	2653845	19.048 ug/ml

(f)=RT Delta > 1/2 Window

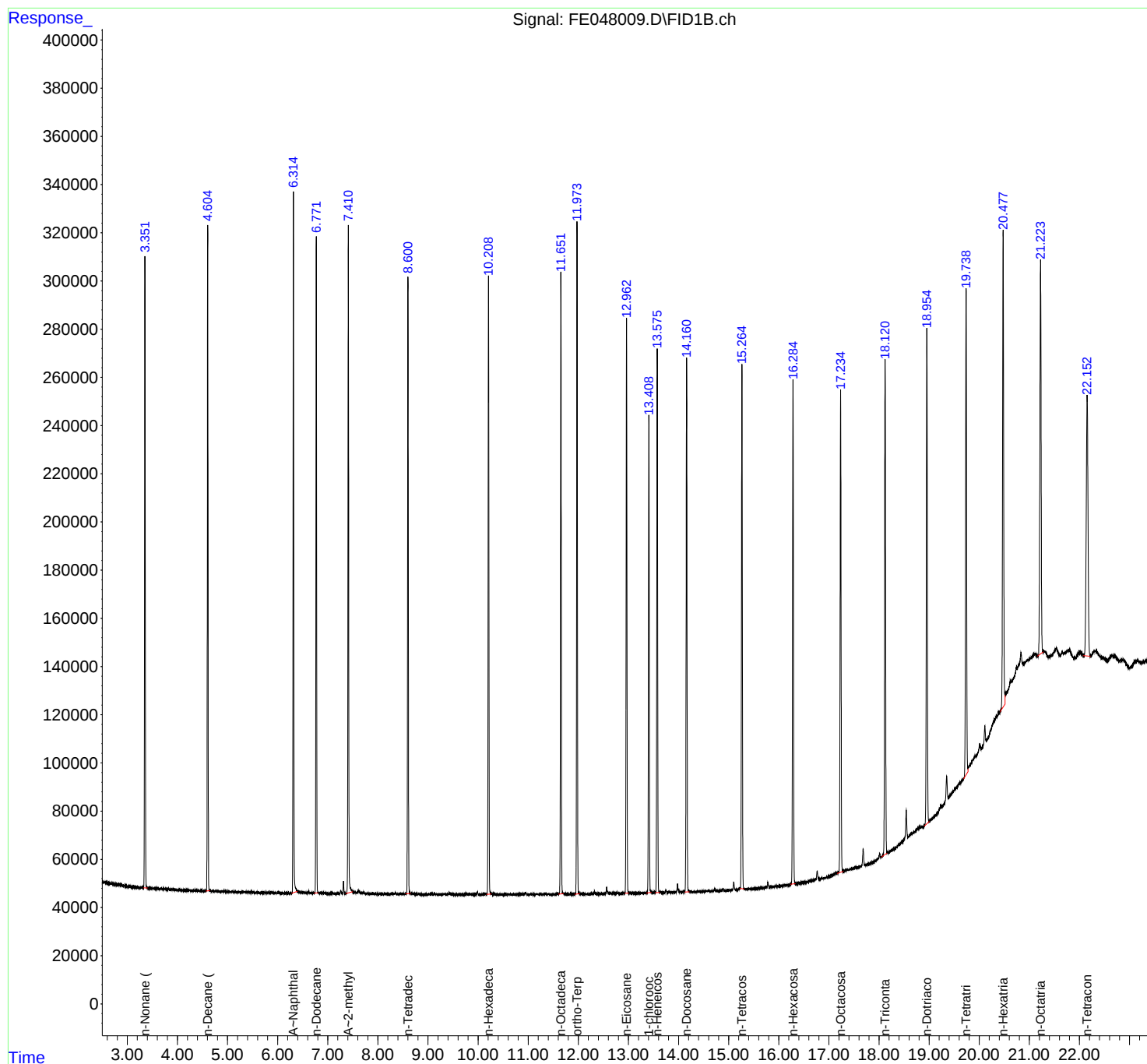
(m)=manual int.

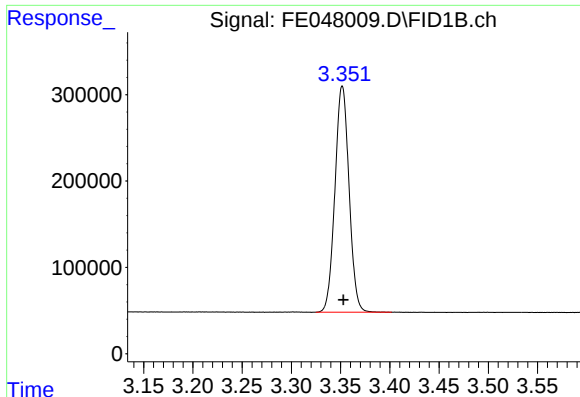
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050724AL\
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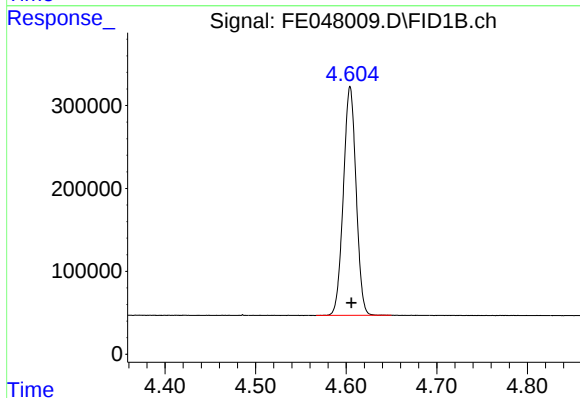




#1 n-Nonane (C9)

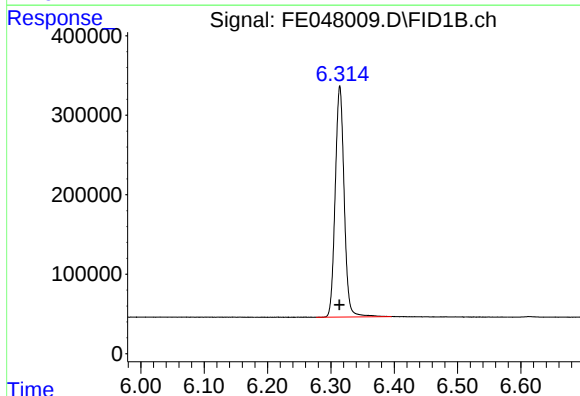
R.T.: 3.352 min
Delta R.T.: -0.001 min
Response: 2613869
Conc: 20.28 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



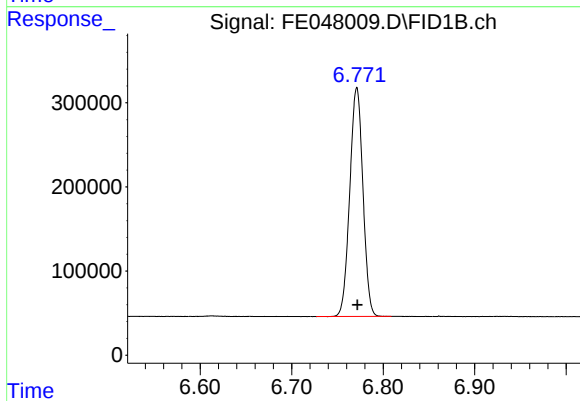
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.001 min
Response: 2695862
Conc: 20.48 ug/ml



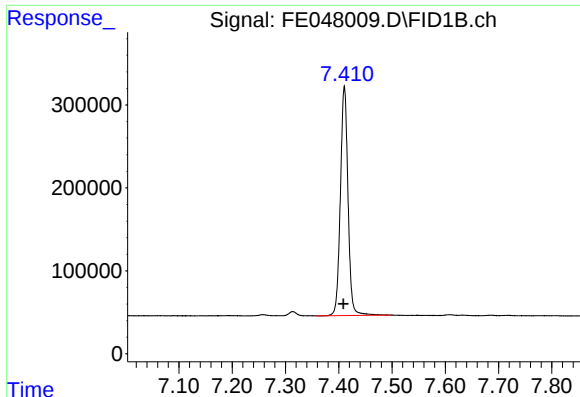
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 2853499
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

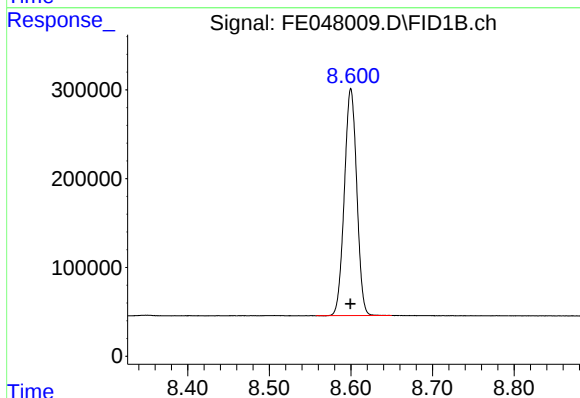
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 2720468
Conc: 20.41 ug/ml



#5 A~2-methylnaphthalene (C12.89)

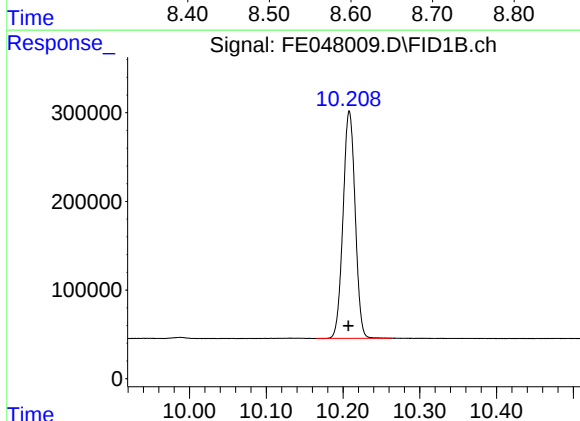
R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 2748630
Conc: 20.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



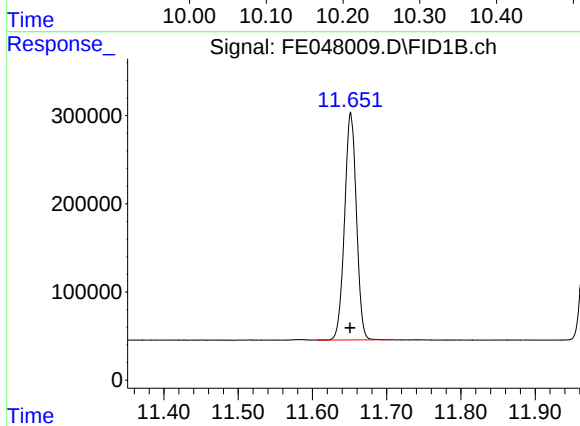
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 2703921
Conc: 20.40 ug/ml



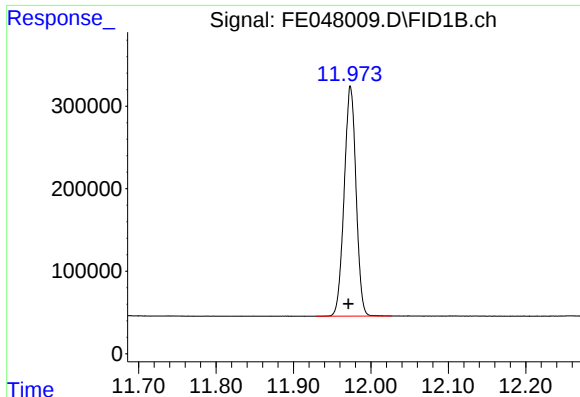
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: 0.001 min
Response: 2811433
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

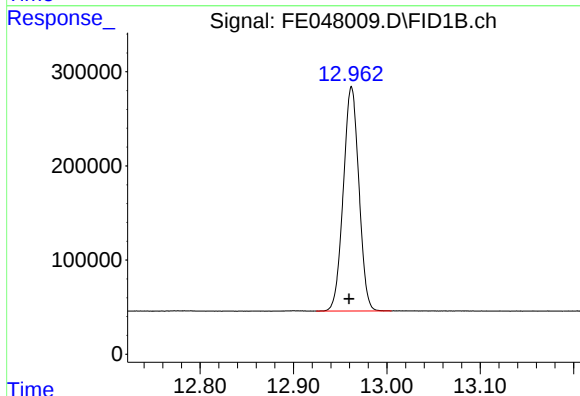
R.T.: 11.652 min
Delta R.T.: 0.001 min
Response: 2857920
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

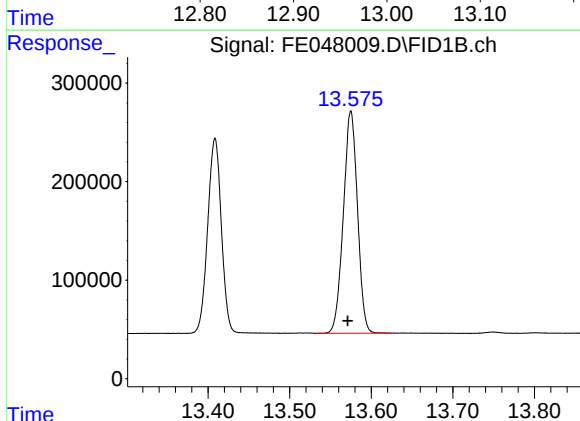
R.T.: 11.974 min
Delta R.T.: 0.003 min
Response: 2969644
Conc: 20.58 ug/ml

Instrument :
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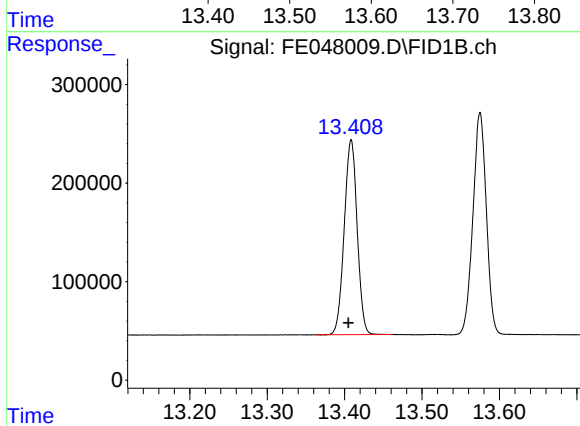
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: 0.003 min
Response: 2760441
Conc: 20.50 ug/ml



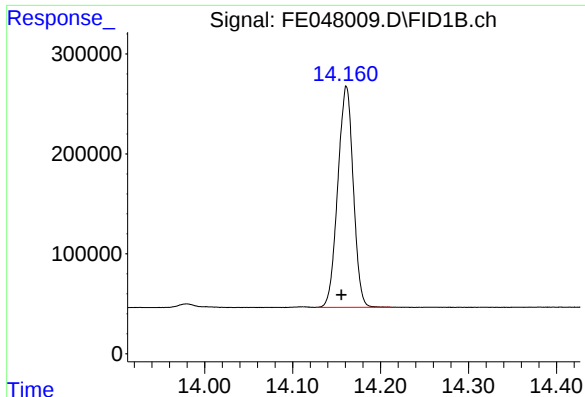
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.004 min
Response: 2715456
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

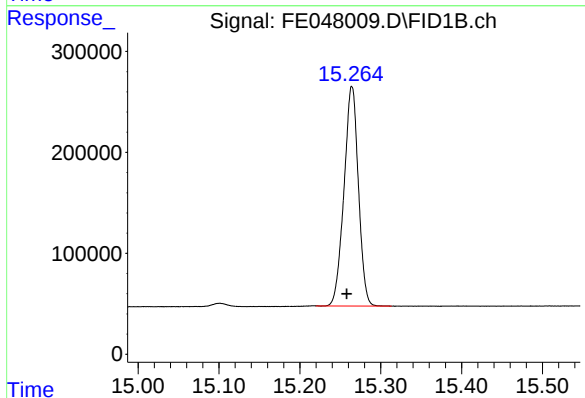
R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 2298653
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

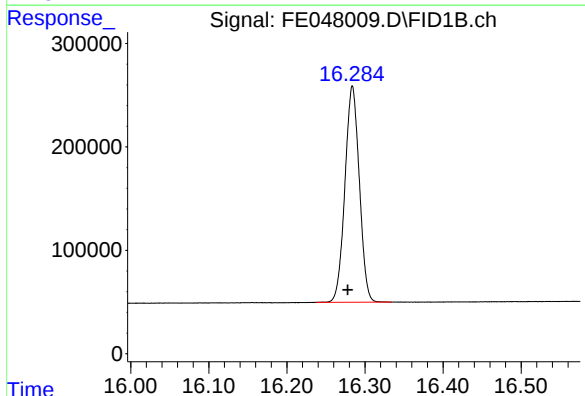
R.T.: 14.161 min
Delta R.T.: 0.006 min
Response: 2703794
Conc: 20.40 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



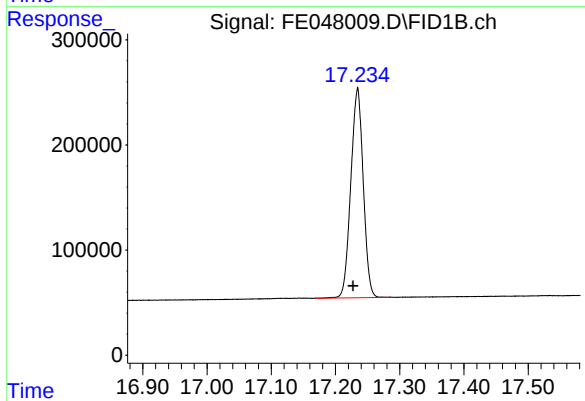
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.007 min
Response: 2694976
Conc: 20.24 ug/ml



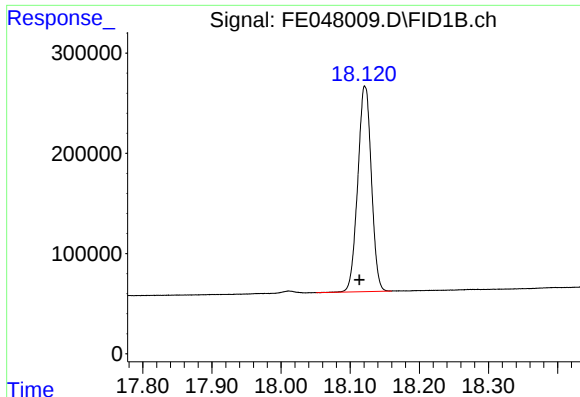
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 2678446
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

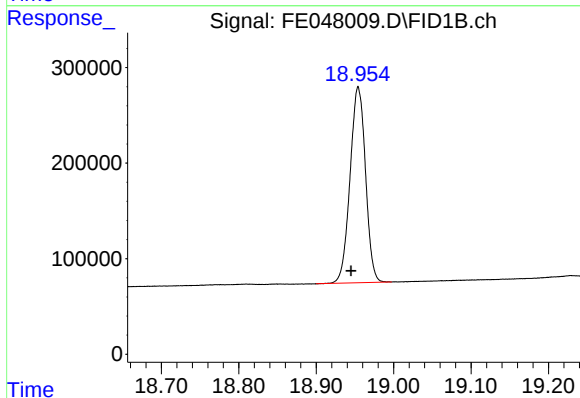
R.T.: 17.235 min
Delta R.T.: 0.007 min
Response: 2679345
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

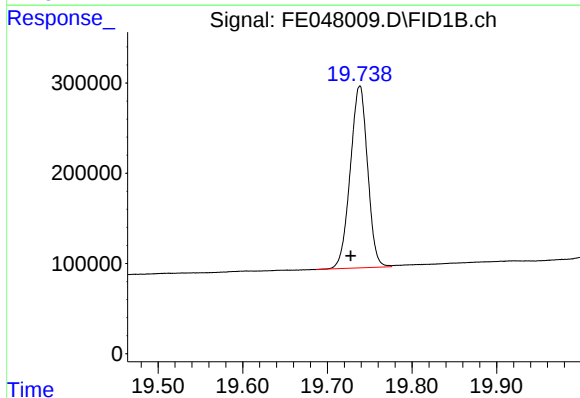
R.T.: 18.121 min
Delta R.T.: 0.008 min
Response: 2799625
Conc: 20.29 ug/ml

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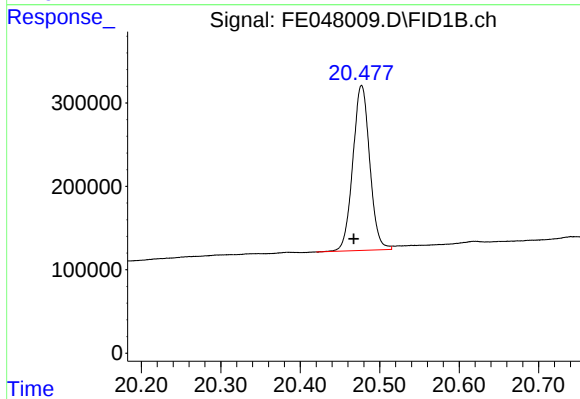
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.009 min
Response: 2844564
Conc: 20.59 ug/ml



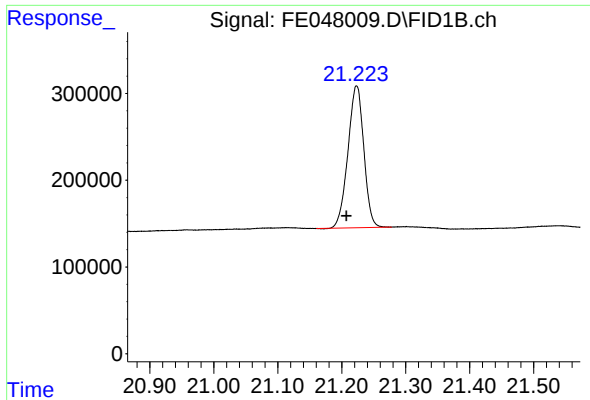
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.011 min
Response: 2866574
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

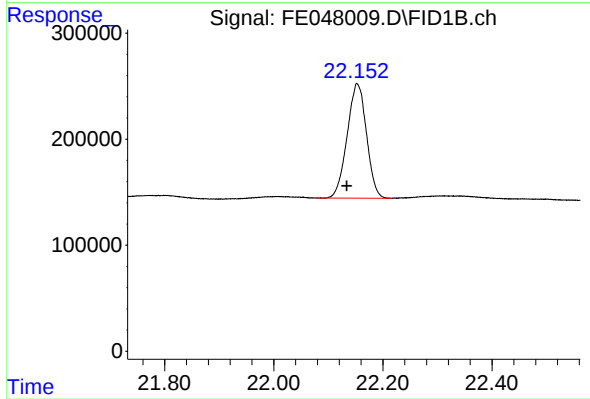
R.T.: 20.477 min
Delta R.T.: 0.010 min
Response: 2923912
Conc: 21.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.016 min
Response: 2816876
Conc: 20.40 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.019 min
Response: 2653845
Conc: 19.05 ug/ml